

Nuclear Division News

• Vol. 12, No. 21 • October 22, 1981

Major appointments announced in Nuclear Division



Paul R. Vanstrum
Senior Vice President



Clyde C. Hopkins
Vice President



J. Robert Merriman
Enrichment Technology Manager



Kenneth W. Sommerfeld
ORNL Executive Director

OR United Way campaign ends; donations exceed goal by 7.3%

Oak Ridge Nuclear Division employees have contributed over \$912,000 to United Way to reach 107.3 percent of the 1981 campaign goal. The three-week campaign ended on October 2.

ORGDP had the highest percentage of Nuclear Division contributions with 108.5 percent of the plant campaign goal reached. The total ORGDP employee contribution was \$266,958.

(UW General Committee shown on page 3.)

ORNL employees contributed \$380,342 to United Way with 107.9 percent of the plant goal reached. Y-12 employees contributed \$264,927 to reach 105 percent of the plant goal.

Total campaign goal for Oak Ridge Nuclear Division facilities was \$856,807. The 1981 United Way campaign for the Paducah Gaseous Diffusion Plant began on October 12.

Five major appointments have been announced by Roger F. Hibbs, President of the Nuclear Division, Union Carbide Corporation. The appointments include:

- **Paul R. Vanstrum**, named Senior Vice President in charge of the weapons program, uranium enrichment program, and the engineering and computer groups;
- **Clyde C. Hopkins**, appointed Vice President with responsibility for the uranium enrichment program;
- **Kenneth W. Sommerfeld**, named Executive Director of Oak Ridge National Laboratory, succeeding Hopkins;
- **William F. Thomas**, appointed Manager of the Oak Ridge Gaseous Diffusion Plant, replacing Sommerfeld; and
- **J. Robert Merriman**, named Manager, Enrichment Technology.

Vanstrum, who began his career with Union Carbide in 1942, has been a vice president of the Nuclear Division since 1974. He has made significant scientific contributions in the field of nuclear energy and is a recipient of the Ernest O. Lawrence Memorial Award of the former U.S. Atomic Energy Commission.

He is married to the former Kathleen Johnson, and they live at 104 Ogden Lane, Oak Ridge. The couple has two sons and a daughter.

Hopkins, who has been with the Nuclear Division since 1952, has served as Manager of Accounting for the Division and was Manager of the Paducah (Ky.) Gaseous Diffusion Plant until his appointment in 1978 as Executive Director at Oak Ridge National Laboratory.

Hopkins and his wife, the former Ada Rudolph, have two daughters. They live at 1100 West Outer Drive, Oak Ridge.

Sommerfeld, who has been a member of the Nuclear Division staff since 1958, has been Manager of the Oak Ridge Gaseous Diffusion Plant since January 1980. Prior to 1980,



William F. Thomas
ORGDP Manager

he served for almost eight years as Assistant Plant Manager of that facility.

Sommerfeld is married to the former Roberta Buntin, and they live at 121 Wendover Circle, Oak Ridge. They have two children.

Thomas, who has been with Union Carbide since 1958, has, over the years, assumed positions of increased responsibility in both the Nuclear Division and other units within the Corporation. Most recently, he has been Assistant Plant Manager at the Paducah Gaseous Diffusion Plant.

Thomas is married to the former Bernez Patterson, and they have three children. Their current address is 2721 Jefferson Street, Paducah.

Merriman, who has been with the Nuclear Division since 1963, has most recently served as Director of the Enrichment Technology Division at the Oak Ridge Gaseous Diffusion Plant. Responsibilities in his new position involve gas centrifuge technology, advanced isotope development and gaseous diffusion technology.

Merriman is married to the former Sandra Hughes. They live on Route 2, Harriman.

Back to standard time Sunday

It's back to standard time Sunday, October 25, at 2 a.m. Clocks will be rolled back as Daylight Savings Time ends for the year. Employees reporting to work Saturday on the mid-night shift will clock in on Day-

light Savings Time and out on Standard Time (Eastern for Oak Ridge, Central for Paducah employees).

Unless Congress decides otherwise, we will continue on this time until early April.

World's Fair certificates available at Cashiers' offices



Any requests for World's Fair season passes received after Monday, October 26, will be distributed through the Cashiers' offices at the individual installations. Certificates for season passes can be picked up at the Cashiers' offices approximately five days after the check and application have been mailed.

Certificates for retirees and other individuals not at the plant sites will be mailed directly to their home addresses.

The deadline for Nuclear Division discounts is October 31.

News About People

To American Nuclear Society posts

Two ORNL staff members have been chosen to head professional divisions of the 13,000-member American Nuclear Society.



Johnson



Pfuderer

ORNL 0007-80

Elizabeth B. Johnson, development associate in the Instrumentation and Controls Division, is chairing the ANS Nuclear Criticality Safety Division; and Helen A. Pfuderer, technical assistant to the associate director for biomedical and environmental sciences, heads the ANS Environmental Sciences Division. Each will serve a one-year term.

Nuclear Criticality Safety and Environmental Sciences are two of 17 professional divisions and technical groups within ANS which cover all fields of nuclear science and technology.

Named Fellow in Nondestructive Testing

Lawrence G. Losh, Y-12 Product Engineering and Scheduling Division, has been named a Fellow in the American Society for Nondestructive Testing. The fellowship will be awarded in Atlanta next week at the national convention. Losh was the recipient of the ASNT membership award in 1976, and served as chairman of the local chapter during the 1969-1970 term. A Fellow must be an ASNT member of unusual professional distinction who has made continued significant contributions to the profession in areas of management, engineering, science, education, administration and/or planning.



Losh

Certified as industrial hygienist



Duncan

David T. Duncan, industrial hygiene supervisor in the medical department of ORGDP's Employee Relations Division, has been certified

in the "comprehensive practice of industrial hygiene" by the American Board of Industrial Hygiene.

Duncan worked two summers in the ORNL industrial hygiene department before joining the Nuclear Division as a full-time employee in June 1977. He holds a bachelor's degree from Harding University and a master's degree in public health from the University of North Carolina.

Duncan is a member of the American Industrial Hygiene Association (AIHA) and is serving as president-elect of the Tennessee Valley Section of the AIHA.

Highest health physics award to Dickson

Howard W. Dickson, head of the health physics department of the Industrial Safety and Applied Health Physics Division at ORNL, is the 1981 recipient of the Elda E. Anderson Award, the highest honor presented by the Health Physics Society for extraordinary achievement in the field of radiation protection. He received the award for his research and educational contributions to health physics. His work has included research on radiological assessment, environmental monitoring and criticality accident dosimetry. Dickson's research in radiological assessment



Dickson

has contributed to the development of decommissioning criteria for contaminated areas.



UNITED WAY SYMBOLS — Wear your United Way symbol as a token of your fair share giving, but do not wear it on your identification badge. Securities and Safeguards state that many employees have been observed pinning the little paperdolls on their badges. This may foul up dosimetry readings...so please wear it, but not on your identification badge.

Bible named head of Accounts Payable

Robert B. Bible Jr. has been named head of the Accounts Payable Department in the Nuclear Division's General Accounting Division. He replaces James C. Moore, who has retired after 36 years of service.

A native of Morristown, Bible received a bachelor's degree in business/accounting from the University of Tennessee. He served in the U.S. Army's Finance Corps from 1953 to 1955.

Bible joined the Nuclear Division in 1955 and has worked in various positions, including data processing operator, systems analyst and assistant department head in the General Accounting Division.

He and his wife, Mildred, have a daughter. They live at 3117 Walnoaks Road, Knoxville.



Bible

Next issue...

The next issue will be dated November 5. The deadline is October 28.

UNION
CARBIDE

Nuclear Division News

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
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PADUCAH
Darlene M. Mazzone, Bell 208

INTERNATIONAL ASSOCIATION
OF BUSINESS COMMUNICATORS

Published every other week
for employees such as:



James M. Gage, Maintenance Division, Paducah.

Sneath sets retirement at UCC; Anderson new corporate head

William S. Sneath has announced his retirement as chairman of the board and chief executive officer of Union Carbide Corporation, effective January 1, after more than 31 years with the company.

Sneath also announced that the Union Carbide board of directors elected Warren M. Anderson, now president and chief operating officer, to succeed him as chairman and chief executive officer; and elected Alec Flamm, presently a senior vice president, to succeed Anderson, effective the same date.

Union Carbide's board of directors expressed regret at Sneath's decision. At the board's request, he will continue as a director.

In announcing his retirement, Sneath said he informed the board several years ago that he was considering this step. "During the past 16 years, I have served Union Carbide as chief financial officer, chief operating officer and finally chairman and chief executive officer for the past five years. I frankly feel that Union Carbide is being managed in an extremely professional manner, with good strategic planning and effective leadership, and I have the satisfaction of knowing that Warren Anderson will have the support of an outstanding, seasoned management team," he said.



William S. Sneath
Retiring Corporate head

Under Sneath's leadership, the company implemented a restructuring program resulting in the divestment of approximately \$1 billion of assets related to marginal businesses and the redirection of resources into fewer, stronger businesses in which Union Carbide has a leading position. Union Carbide is a diversified, worldwide manufacturer with sales exceeding \$10 billion.

Anderson joined Union Carbide in 1945. He was appointed a vice president in the chemicals group in 1962,



Warren M. Anderson
New board chairman

and successively served as senior vice president of international operations and president of the chemicals and plastics operating division. He was elected a vice president of the corporation in 1969, executive vice president in 1973, a director in 1974, and president and chief operating officer in 1976.

Flamm, in addition to serving as president and chief operating officer of the corporation, will be responsible for the company's strategic planning function. He joined Union



Alec Flamm
Named UCC president

Carbide's Linde Division in 1949 and was associated with that division through much of his career. In 1975, he was named president of Linde and vice president of Union Carbide. He was elected senior vice president of the corporation in 1977, with responsibility for the Linde and Nuclear Divisions, Union Carbide Pan American, Corporate Acquisitions and Diversitures, Strategic Planning and Technology. He is a director of Union Carbide Canada and Union Carbide Mexicana.

Responsibility for Nuclear goes to Robert D. Kennedy



Robert D. Kennedy
Senior vice president

The election of Robert D. Kennedy as a senior vice president of Union Carbide Corporation, effective January 1, has been announced by William S. Sneath, chairman of the board.

Kennedy, who has been president of Union Carbide's Linde Division since 1977, will be responsible for the Linde and Nuclear Divisions, Union Carbide Pan American, Corporate Acquisitions and Divestitures, and Corporate Technology.

Kennedy joined Union Carbide's National Carbon Division in 1955 at the Niagara Falls plant of the Carbon Products Division. He held various positions in that division, moving to the New York headquarters in 1963 as a product manager. In 1971, he went to Geneva, Switzerland, as marketing director of Carbon Products for Union Carbide Europe and, in 1975, was named senior vice president with responsibility for gases, metals and carbons in Europe.

An alumnus of Cornell University, Kennedy is a native of Pittsburgh. He has been active in church and school affairs, currently serving on the Board of Foreign Parishes of the Episcopal Church in Europe. He is a past member of the Board of Governors of the International School of Geneva, and Director of the Development Fund; and a moderator of the Aspen Institute Program on Humanistic Studies.



GENERAL COMMITTEE — The 1981 United Way Committee includes, seated from left, John W. Arendt, assistant general chairman; J. Everett Rausin, treasurer; James A. Barker, general chairman; Janice M. Blanton, ORNL chairman; and Nelline P. Ross, materials coordinator. Standing from left are Dan G. Ailey (representing Harry L. Bailey), Y-12 chairman; C. H. (Pete) Peterson, ORGDP chairman; Harvey P. Carter, 1982 general chairman; Steven L. Wyatt, publicity coordinator; and Gary A. Riser, general staff advisor.

Safety Scoreboard

Time worked without a lost-time accident through October 15:

Y-12 Plant	6 Days	184,000 Employee-Hours
ORGDP	126 Days	3,484,628 Employee-Hours
ORNL	523 Days	12,033,233 Employee-Hours
Paducah	443 Days	4,145,494 Employee-Hours

"Are you giving your fair share for quality assurance?" (Submitted by Randy O. McCloskey, Y-12.)

Recent Retirements



Hubert E. Parrott
Equipment Services
Y-12
28 years service



Homer G. Amerine Jr.
Engineering
Y-12
18 years service



D. William Hackett
Engineering
Y-12
27 years service



Earl C. Smith
Engineering
Y-12
24 years service



R. Max Lawson
Engineering
Y-12
29 years service



Loise L. Arnold
Laundry
Paducah
30 years service



George W. Barger
Process Maintenance
Paducah
30 years service



Walter R. Conner
Quality Evaluation
Paducah
24 years service



Howard J. Douglas
Electrical Maintenance
Paducah
28 years service



Reynold LeDoux
Operations Engineering
Paducah
30 years service



Archie C. Miller
Cascade Operations
Paducah
30 years service



William L. Shipwash
Electrical Maintenance
Paducah
30 years service



Lewis G. Edgel
Engineering
ORNL
19 years service



Louis Wickham
Biology
ORNL
32 years service



David G. Doherty
Biology
ORNL
33 years service



Robert D. Birkhoff
Health and Safety
Research
ORNL
27 years service



A. Earl Massengill
Operations
ORNL
24 years service



Charles E. Varner
Plant and Equipment
ORNL
14 years service



Robert P. Milford
Engineering
ORNL
35 years service



Thomas V. Grooms
Finance & Budget
Paducah
30 years service



William W. LeMarr
Technical Services
ORGDP
35 years service



John H. Gillette
Central Management
ORNL
35 years service



Robert L. Burgess
Environmental Sciences
ORNL
10 years service



James W. Hiatt
Finance & Materials
Paducah
30 years service



Seth J. Wheatley
Separation Systems
ORGDP
30 years service



Everett H. Tomlinson
Operating Contractors
Project Office
ORGDP
30 years service



James D. Flynn
Plant and Equipment
ORNL
33 years service



John M. Guinn
Operations
ORNL
33 years service



James C. Moore
General Accounting
ORGDP
36 years service



Eunice S. McMillian
Central Management
ORNL
37 years service



Otis S. Brittain
Carpenter Shop
Paducah
28 years service



Lyle F. Lieber
Engineering
ORGDP
37 years service



Jack P. Cagle
Plant and Equipment
ORNL
34 years service



Aging and arteriosclerosis

by T. A. Lincoln, M.D.

QUESTION: I have been retired from Carbide for over 10 years and enjoy reading your answers on health in the *Nuclear Division News*. I would like to ask you these questions: If a person age 70 or older has hardening of the arteries, can he or she live a normal life under a doctor's care and medication? Are there any particular foods one should eat or avoid?

ANSWER: Arteriosclerosis is the medical term that refers to hardening of the arteries. It has been applied rather indiscriminately to various forms of arterial disease, such as coronary artery disease, stroke, aneurysm and peripheral vascular disease. These conditions are caused primarily by atherosclerosis, a disease characterized by deposits of fat on and in the lining of large and certain medium-sized arteries, especially those that supply the heart and brain.

Degenerative change

Arteriosclerosis is a degenerative change that is part of the normal aging process and affects the entire arterial tree. Atherosclerosis is partially caused by aging and genetic factors, but it is strongly influenced by a lifetime of smoking, a high-fat diet, high blood pressure, diabetes, lack of exercise and other lifestyle-related factors.

If a person has only hardening of the arteries, he or she may live to an advanced age and may die from something unrelated, such as pneumonia. However, arteriosclerosis and atherosclerosis usually occur together. Specific treatment depends upon which manifestation is most important. For example, a coronary heart attack may require special long-range treatment quite different from that required for a person who has inadequate circulation in the feet.

General prevention

You have raised an important question. Is general prevention worth the effort after age 70? Many physicians would say, "Relax. If you have made it to 70 and have no obvious disease of the heart or blood vessels, don't worry. Enjoy yourself. Prevention has to begin early in life to do much good."

I agree, but I feel that it is never too late to practice good health principles. Many older persons tend to neglect their own nutrition. They don't want to bother to fix good meals for only one or two persons. Preparing meals that contain a variety of fruits, vegetables, meats, cereals,

fish and dairy products takes time and energy, and can also be expensive. Nevertheless, such a practice is essential for maintaining good health, particularly for older women, who tend to develop thinning of the bones and need to consume extra amounts of calcium. In general, neglecting one's nutrition may hasten aging disability.

Nutritionists' role

In recent years, the role of nutritionists has become more important. These specialists can give far better and more practical advice on nutrition than most physicians. It is not enough just to advise, "Eat a balanced diet." A nutritionist can determine in detail what a person eats and then help develop a practical daily diet that fits the person's special physical and psychological needs as well as his or her pocketbook.

Exercise is also important for older people. It doesn't have to be vigorous, but it should be regular. Daily walks can be valuable. Exercise programs that put the joints through a normal range of motion several times a day are helpful in keeping strength and flexibility. Although it is somewhat of an exaggeration, the axiom "if you don't use it you'll lose it," is more truthful than many people realize. Persons who have remained physically active generally suffer fewer falls, fewer fractures and fewer rheumatic problems.

Using medicines

Older people should be very careful about the medicines they take, because they often have trouble metabolizing medicines efficiently and may develop toxic reactions. If a person is seeing several specialists for different medical problems, it is important that each physician be familiar with all the medicines the patient is taking. Drug interactions are important, and severe problems may result when too many medicines are prescribed or are taken improperly. If possible, an older person should have one family practitioner look after him or her. This physician can refer specialists when necessary and can keep track of the various medicines.

The number of people who live to age 85 has increased dramatically in the past 10 years. In order for these people to remain independent and self-sufficient for as long as possible, a program of prudent prevention makes a great deal of sense. Even though primary prevention of the aging process is not possible, such a program can delay or reduce some of the inevitable disabilities of aging.



COMPLETES PROGRAM — ORNL Director Herman Postma (left) congratulates Paul D. Ewing, the first employee to complete the Laboratory's Engineering Career Opportunities Program, as Instrumentation and Controls Division Director Fred R. Mynatt looks on at right.

Ewing completes ORNL program

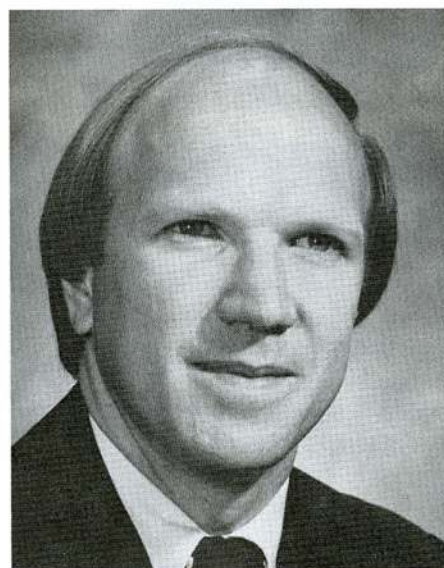
Paul D. Ewing, an electrical engineering graduate of Tennessee Technological University, has become the first ORNL employee to complete the Laboratory's Engineering Career Opportunities Program.

The program places selected college graduates with BS degrees in technical areas into development programs designed to benefit both the graduates and the Laboratory. The objectives are to acquaint participants with the total operating and technical environment of ORNL, expose them to career options available within their professional fields, increase their knowledge in allied fields and obtain for them the best possible placement in the ORNL complex.

Laboratory divisions participating in the one-year program provide a schedule of assignments for each graduate, consisting of either three-month assignments in four divisions or four-month assignments in three divisions. Participating divisions include Chemical Technology, Energy, Engineering, Engineering Technology, Fusion Energy, Industrial Safety and Applied Health Physics, Instrumentation and Controls, Operations, and Plant and Equipment.

Ewing, who began the program in June 1980, completed three-month assignments in four divisions and has been given a regular assignment in the Instrumentation and Controls Division.

Quality Assurance post goes to Morris at Paducah Plant



Thomas A. Morris

Thomas A. Morris has been named quality assurance coordinator at the Paducah Plant. Morris joined Union Carbide upon graduation from Southern Illinois University at Carbondale in 1974 with a BS in mechanical engineering. He has held several engineering positions in the Plant Engineering and Technical Services Division and also super-

vised the mechanical technology section in Technical Services.

As the quality assurance coordinator, Morris will coordinate the overall quality assurance activities at Paducah, and will coordinate plant quality programs with those of the Nuclear Division.

Morris is a native of McLeansboro, Ill., and is a member of the American Society of Mechanical Engineers. He and his wife, Leslie, reside on Jewell Lane in Paducah.

Patents

Carlos E. Bamberger and Paul R. Robinson, both of ORNL, for "Thermochemical Generation of Hydrogen and Oxygen from Water."

Samuel C. Robinson and Howard L. Gerth, both of Y-12, for "Apparatus for Correcting Precision Errors in Slide Straightness in Machine Tools."

Karl E. Rapp Jr. and Bruce B. Marshall, both of ORGDP, for "Porous Article and Method for Making Same."



Jude Martin Soft sculpture

Foothills Craft Guild sets show

From the very beginning, Union Carbide employees have been involved in the Foothills Craft Guild. Now, 15 years later, the Guild is planning its biggest event ever with crafts to be displayed in the Green Room of the Ridge Hall. The three-day show will be held Friday, Saturday and Sunday, November 6, 7 and 8.

Featured will be one of the largest shows of this kind in the area, with crafts in every conceivable media. There will be iron utensils, stoneware, soft sculpture, quilts, macrame, handmade toys, note paper fashioned from pressed flowers and other natural materials and other works of art.

For example, Nancy McCauley will display intricate designs in needlepoint; while her husband, Lowell, will demonstrate how to bottom a chair with river cane.

Hours Friday and Saturday are from 10 a.m. until 9 p.m.; and Sunday from 1 to 6 p.m.

Of the 25 charter members, 11 will be on hand for the November show.



Jean Cole Pottery



HARVEY CAST — Fred Manneschmidt, Helen Kuhns and Calvin Hopper are taking major roles in the current Oak Ridge Playhouse production of "Harvey." The comedy of an amiable bachelor and his companion, a six-foot invisible rabbit, will be seen October 22, 23, 24 and 25 at 8:20 each night, except Sunday, when the curtain goes up at 7 p.m. Tickets are available at the Oak Ridge Playhouse box office.

Bowling alley notes...

C League...

The Badgers hold a slight lead in the Y-12 C Bowling League, as the season gets cranked up. Jeff Stevens recently rolled a 252 scratch game. Billy Sise converted the 6-7-10 split to make things interesting. The Sunflowers' 3154 handicap series still stands high, as does the Anodes' 1103 single.

Y-12 Classic...

The Splinters and Tigers hold a tie for the lead in the Y-12 Classic, as the Ridgers, Playboys, Eightballs and Kingpins all stay within striking distance of the top rung. The Ridgers smashed a 3217 handicap series recently...and Billy Patrick's 273, 727 handicap scores still stand high.

Carbide Wednesday...

The Alley Rads hold a 20-point lead over the ???'s in the Carbide Wednesday Bowling League. Charles McCluskey's 686 handicap series stands high, as does Lou Finley's 282 single in handicap scoring. The Sue's Sooners have a 3081 series on the boards, and the Demons boast an 1125 single count. Lou Finley posted scores of 265, 282 in singles...631, 683 in series recently.

Family Mixed...

The Oops team still commands a lead in bowling in the Family Mixed League for Carbiders. Moe Carmichael's 273, 685 handicap scores stand high in competition, and Ann Lively rolled a 241 handicap single recently. Pat Smith's 628 handicap series is up there also.

Bowling tournament...

Carbide bowlers are reminded that the closing date for entries in the Oak Ridge Bowling Association's tournament is set for November 13. The big event, all handicap, will be held on the weekends of December 5-6 and 12-13 at Ark Bowling Lanes in Oak Ridge. Entry forms are available from tournament directors Lou Finley, Ray Smith and Jim Keen.

K-25 Tuesday...

The Fearless Five keep a safe lead in the K-25 Tuesday League, bowling better than the All Stars and The Team. The City Slickers have a 3055 series on the board, and The Team put an 1108 up there in singles. M. J. Gibson rolled a 583 scratch, 655 handicap series recently.

ORNL A...

The Gutterfinks post a healthy lead in the ORNL A League, as alley action picks up. Edwood's Chargers are the nearest contenders. The Turkeys rolled a 3080 handicap series lately, and Dave Stacy's 289 scratch, 304 handicap single will stay up there a while.

Safety tip

When driving, remember to check your rearview mirrors every seven seconds. You must know what is going on behind as well as in front in order to make the correct decisions. So, to drive defensively, keep your eyes moving.



WINNING SKINKS — The Skinks took the Central Division of the Carbon Softball League recently. They are, kneeling from left, Debbie Elliott, Leslie Little, Tricia Wilson and Jim Mack. Standing are Dean Little, Bill Elliott, Dave Stinton, Joe Carpenter, Warren Thompson and Pete Angelini. Not pictured are Lisa Stinton, Roger White, Tom Pearson, Steve McNeany, Rod Judkins, Karen Easterly and Brian Hockman.

Rolls perfect game

Ladd prefers security of job to professional bowling career

Bill Ladd, Y-12's Product Engineering, recently rolled a perfect game in bowling in a sanctioned league, the first 12-strike game ever to be rolled in the Oak Ridge area.

Ladd has been bowling some 30 years and could possibly have turned professional. (To qualify as a member of the Professional Bowling Association you need to maintain a 190 plus average for three consecutive years, and Ladd's average has been considerably higher than that.) "When PBA first got started, they tried to get me to go along," he said, "but family responsibilities and the security of my job took priority." He added, "there wasn't as much money in bowling then, or any other professional sport, as a matter of fact."

Defeated professional team with help of fellow Carbiders

Ladd has bowled several perfect games, but this is the first one he ever scored in an American Bowling Congress-sanctioned league. He will receive a gold ring from ABC.

Ladd has lost count of the trophies picked up through the years. One of the highlights of his career was in 1959, when he and fellow Carbiders defeated the Professional Budweiser Bowling Team at Ark Lanes in Oak Ridge. Ladd cannot recall the exact score, but it was over 3,100, and they downed the pro team by a few pins. The professional team, reading like a who's who in pro sports, consisted of Don Carter, Ray Bluth, Tom Hennessee, Pat Patterson and Dick Webber. Other members of the victorious team were C. W. Castle, Len Hart,

Joe Bennett and Lloyd James. "It was a team effort from the word go," the modest Ladd said, "we just all rolled well and edged our way past them."

'Winning sure beats losing by a country mile...'

Ladd, a left-hander, bowls a relaxed, easy game. His effortless approach to the line produces the perfect hook to destroy the pins. "It's a joy to watch him roll," said one old-time bowler. "He makes it look so easy."

Ladd and his wife, Ann, live in the Little Emory section of Harriman. They have two children "already out of the nest," one in college and one in high school.

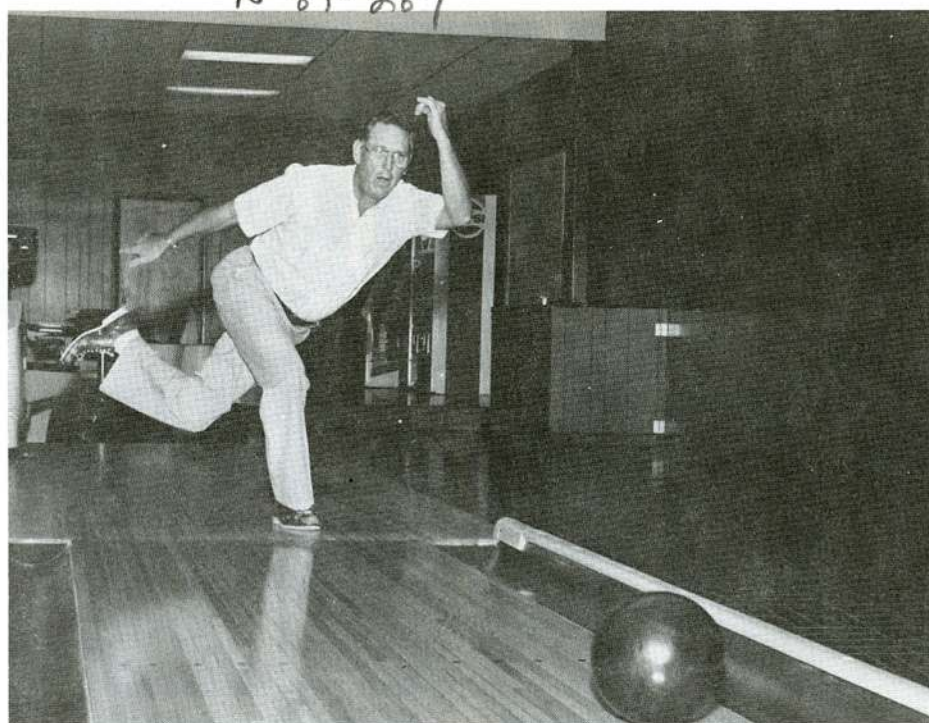
While not engaged in the family land-developing business, Ladd also plays a decent golf game, shooting in the mid-70's.

'A joy to watch him roll' says fellow bowler

"Winning is not always important," he said, "but it sure beats losing by a country mile."

Energy Facts

The Department of Transportation says U.S. cars average 13.94 miles per gallon. Assuming an annual mileage of 15,000, the average American car uses 1,070 gallons each year. The average fuel economy standard for 1980 cars is 20 miles per gallon.



Bill Ladd shows perfect bowling form

Save Energy / Share The Ride

ORNL

BUS POOL MEMBERS NEEDED from Maryville, Friendsville and Lenoir City. Joel Horton, plant phone 4-3121; home phone 983-9160.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

CAR POOL MEMBERS NEEDED from Sutherland Avenue area, 8-4:30 shift. Steven Wyatt, plant phone 4-4165; home phone Knoxville 584-4839.

VAN POOL RIDERS NEEDED from West Knoxville, 8-4:30. Mike Caldwell, plant phone 4-4885; home phone 691-4194.

WANTED: CAR POOL MEMBERS from Carrollwood/Lovell View area to South or East Portals, 8-4:30. Ward Jewell, plant phone 6-7660; home phone Knoxville 966-0183.

Y-12

BUS POOL MEMBERS NEEDED from Alcoa and Alcoa Highway to Y-12, 8-4:30 shift. Joel Horton, plant phone 4-3121; home phone 983-9160.

RIDE IN CAR or VAN POOL from Clinton Highway, Heiskell area, to Biology Portal, straight day. Knoxville telephone 546-8886.

RIDE or JOIN CAR POOL from Bonneyview Avenue, Kingston, to East Portal, 8-4:30 shift. Howard Horne, plant phone 6-0517, home phone Kingston 376-7960.

RIDE from Oliver Springs area, Tri-County Shopping Center, to Bear Creek Portal, J Shift. E. H. McGhee, plant phone 4-2673; home phone Oliver Springs 435-7948.

RIDE from vicinity of Millertown Pike, at I-640, to Biology Portal, 8-4:30. Shirley Taylor, plant phone 4-0532; home phone Knoxville 546-1101.

ORGDP

VAN POOL RIDERS NEEDED from east end of Oak Ridge to Portals 1, 2 and 4, 8-4:30. Norman Jefferson, plant phone 4-8362.

VAN POOL RIDERS WANTED from West Knoxville to Portals 1, 2 and 4, 7:45-4:15. Tom Perry, plant phone 4-8226.

JOIN CAR POOL from Claxton area (New Henderson and Blacks Ferry Roads) to Portal 3, 7:45-4:15. George Solomon, plant phone 6-2264; home phone 945-3842.

JOIN CAR POOL from Riverbend Estates, Kingston, to Portal 1 or 2, straight day. Larry Jones, plant phone 6-1919; home phone Kingston 376-7866.

ORNL, Y-12 or ORGDP

EMPLOYEE/STUDENT needs car pool member for Tuesday and Thursday evening classes at UT. Kim Sneed, plant phone 6-4755; home phone 482-2754.

Paducah employee, Carl Jackson, dies



Mr. Jackson

Carl E. Jackson, Paducah Plant Roads and Grounds Department, died recently in Cairo, Ill. An 11-year Carbide veteran, he had worked as a fire driver and converter assembler in the plant.

Mr. Jackson is survived by his wife, Barbara Lee Jackson, 328 25th Street, Cairo; and children, Carl, Dar-ryel, Leonard, Creta, Clarence, Joe, Jeffrey and Barbara Ann Jackson.

The funeral was held in Ruffin Funeral Chapel, Cairo, with burial in Mound City, Ill.



He did not keep his OWN score!



Arnold Brackett Fowler Harmon Lowe



Parsons Plemons Waldrop Walton

Nine Y-12 promotions told

Nine promotions are announced in the Y-12 Plant.

Edward W. Arnold has been promoted to a machining supervisor in the Metal Preparation Division. A native of Middlesboro, Ky., he joined Union Carbide in 1980. Prior to that time he was with the Delco Products Division of General Motors and Dayton Progress Corporation. He served in the U.S. Army from 1961 until 1964.

He and his wife, Bobbie Kaye, live at 11549 Yarnell Road, Knoxville. They have two children.

Wiley A. Brackett has also been named a supervisor in Metal Prep. He was born in Kingston and worked as a heavy equipment operator for McDowell and McDowell, and also for Chrysler Corporation. He was with McKinnley Drilling Company in 1969, when he joined the Nuclear Division.

He and his wife, the former Delores Ramsey, live at Route 4, James Ferry Road, Kingston, with their four children.

Bryant T. Fowler has been named a staff engineer in the Security, Plant Protection and Utilities Division. A native of Oak Ridge, he attended the University of Tennessee and served as a military intelligence officer in the U.S. Army before joining Union Carbide in 1978.

He and his wife, the former Patricia Szabo, live at 625 Fernwood Road, Knoxville. They have one son. Fowler works with the Adult Reading Academy Program and is a member of the Reserve Officers Association and Civil Affairs Association.

Charles S. Harmon is a new supervisor in Metal Prep. A native of Harri-man, he joined Union Carbide in 1954 after working with the Tennessee Valley Authority and serving in the United States Air Force. He has been in the Army and Air National Guard for 25 years.

Mrs. Harmon is the former Mary Sylvia. The couple has four children, and lives at Route 8, Harri-man.

Kenneth E. Lowe, a native of Knoxville, is a new supervisor in the Product Certification Division. He was

with Allied Chemical Automotive Products Division before joining Union Carbide in 1979.

Mrs. Lowe is the former Glenda Thomas, and they live at 4719 Moss Street, Knoxville. They have a daughter.

Robert D. Parsons is also a new supervisor in Metal Prep. A native of Mt. Pleasant, Tenn., he joined Union Carbide at ORGDP in 1952, transferring to Y-12 in 1977. Prior to joining Union Carbide, he worked with the British West Indian Airways and Food Fair Stores. He was in the U.S. Army from 1954 to 1956.

Mrs. Parsons is the former Karen Dolgow, and they live at Route 8, Mehaffey Road, Claxton. They have four children.

Charles D. Plemons is a new inspector engineer in Product Certification. He was born in Loudon and attended Tennessee Wesleyan College. He worked with Dempster Brothers Corporation before joining Union Carbide in 1969. He serves on the Loudon County Election Commission and is a member of the City of Loudon's Beer Board.

He and his wife, the former Linda Kerleu, live in Green Acres, Loudon. They have a daughter.

Ralph T. Waldrop Jr., a native of Athens, is a new process supervisor in Metal Prep. He attended the University of Tennessee and worked with Mayfield Dairies and Brown and Greer Company before joining Union Carbide in 1976 at ORGDP. He transferred to Y-12 as a process operator in 1980.

He and his wife, the former Deborah Burnett, live at Route 3, Cheyenne Trail, Seymour. They have three children.

Bruce E. Walton is a process supervisor in Metal Prep. A native of Oak Ridge, he worked with Fuller Shoes, Oak Ridge Sporting Goods and S&W Sales and Service before joining Union Carbide in 1978. He served in the Tennessee National Guard from 1970 until 1976.

He lives at 135 Nesper Road, Oak Ridge.

Question Box

Does long-term savings qualify as IRA?

QUESTION: Will the long-term portion of the Carbide Savings Plan qualify as an IRA on January 1, 1982, thus permitting a tax deduction?

ANSWER: Individual Retirement Accounts (IRAs) have very strict requirements regarding contributions, withdrawals and reporting. The Savings Plan as presently constituted does not meet these requirements and therefore cannot be used for this purpose.

Recreation benefits

QUESTION: I have just received my "Benefits at Union Carbide" and must cite an omission in Company benefits: recreation. On a lean budget of only \$7 per employee, you provide a collection of programs in which thousands participate. Due to inflation and the increase in employee participation in almost every function, is there a plan to increase the funding?

ANSWER: Our Recreation Program seems to be generally well accepted by most employees. If more money is required to keep the program viable, we will request additional funding.

Columbus Day holiday

QUESTION: The seventeen or so hourly employees who worked at ORNL/Y-12 during the recent strike received the July 6 holiday. Did they also get the Columbus Day holiday this year?

ANSWER: You have been misinformed. July 6 was not a holiday for any ORNL/Y-12 hourly employees who may have worked at that time. All ORNL/Y-12 hourly employees represented by the ATLC observed Columbus Day, October 12, as the eleventh holiday in 1981. In subsequent years, the holiday will revert to the Companion Day to Independence Day, July 4.



TAKING IT EASY — This alert young doe steps gingerly across ORNL's Lagoon Road, perhaps aware of the dangers posed by less-than-alert motorists on the Oak Ridge Reservation. Last year, 98 deer were killed by vehicles on roads on the reservation, the majority of them in November and early December when the herd is most active. With the end of Daylight Savings Time this month, many employees will be traveling from work in the dark or dusk, when deer are foraging but are more difficult to see. Since deer often freeze in the path of approaching headlights, moderate speeds and careful attention when driving through wooded areas can help prevent these unnecessary deaths.

	<p>UNION CARBIDE CORPORATION NUCLEAR DIVISION P.O. BOX Y, OAK RIDGE, TENNESSEE 37830</p>	<p>BULK RATE U.S. Postage PAID Permit #70 Union Carbide Corporation</p>
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